

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
 Organization
 International Bureau



(43) International Publication Date
 25 March 2004 (25.03.2004)

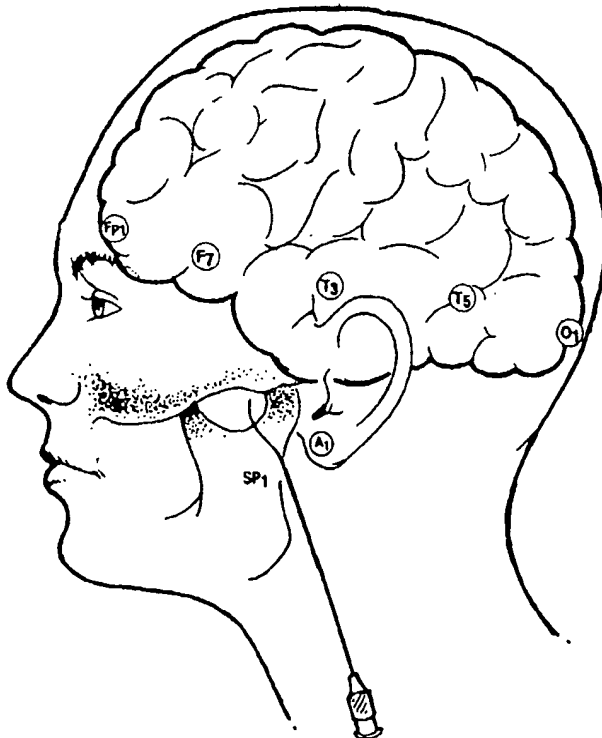
PCT

(10) International Publication Number
WO 2004/023983 A3

- (51) International Patent Classification⁷: **A61B 5/04**
- (21) International Application Number:
 PCT/US2003/028700
- (22) International Filing Date:
 12 September 2003 (12.09.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
 60/410,695 13 September 2002 (13.09.2002) US
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

[Continued on next page]

(54) Title: NONINVASIVE NONLINEAR SYSTEMS AND METHODS FOR PREDICTING SEIZURE



(57) Abstract: The present invention relates to methods and devices for noninvasive nonlinear prediction of ictal onset in patients afflicted by neurological disease. In particular, the present invention provides methods and devices for noninvasive nonlinear prediction of seizures in patients afflicted with epilepsy. The devices and methods preferably being based on analysis of two or more electroencephalogram (EEG) recordings, one set of recordings taken from an electrode close to the region of ictal onset, and a second or more set of recordings (e.g., concurrent readings) taken from a region remote from the region of ictal onset.

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ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:
24 June 2004

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.